PATENT ABSTRACTS OF JAPAN

(11) Publication number:

09-261273

(43) Date of publication of application: 03.10.1997

(51)Int.Cl.

H04L 12/56 H04L 1/00

(21)Application number: 08-071673

(71)Applicant : NEC ENG LTD

NEC CORP

(22)Date of filing:

27.03.1996

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(54) DATA PACKET TRANSMITTER AND ITS METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To attain data transmission with a very high efficiency and less delay in a time to decide an optimum data packet length in the transmission of the data packet.

SOLUTION: In a 2-way communication equipment having a CPU controlling the entire transmitter and conducting transmission reception of a data packet, an operating rate detector 6 detects an operating rate of the CPU 5 at a receiver side. A packet length control section decides an optimum data packet length based on the operating rate detected by the operating rate detector 6. A user interface control section 9 sends information denoting the optimum data packet length decided by the packet length control section 7 to a transmitter side while adding the information to the data packet to be sent.

